

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/50382

A. CLASSIFICATION OF SUBJECT MATTER			
IPC 7	B65C9/40	B65C3/06	B65C9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 419 782 B1 (JOHNSON DAVID A ET AL) 16 July 2002 (2002-07-16) column 1, line 18 column 2, line 12 – line 17 column 2, line 51 – line 56 column 5, line 37 – line 44 column 7, line 29 – line 32 column 7, line 67 –column 8, line 23 figures 1,2,5 —	1,2,7,9, 10
X	US 6 220 330 B1 (O'BRIEN JR TERRENCE E) 24 April 2001 (2001-04-24) column 4, line 11 – line 18 column 4, line 67 –column 5, line 4 column 5, line 31 – line 35 —	1,2,9,10
A	US 6 428 639 B1 (RETZLAFF STEVEN A ET AL) 6 August 2002 (2002-08-06) —	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
17 December 2003	29/12/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Martinez Navarro, A.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1 097 871 A (KHS MASCH & ANLAGENBAU AG) 9 May 2001 (2001-05-09) ---	
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